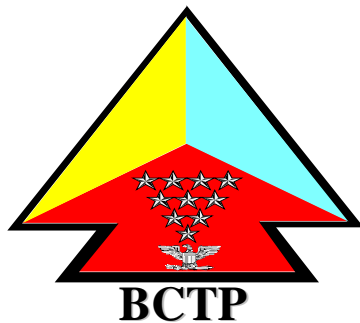




Sustaining CTC Training Relevancy

**Keeping Pace With
Force Modernization**





Briefing Outline



- Enduring CTC principles
- The need to change
- Strategy
 - ✓ OPFOR
 - ✓ Scenario
 - ✓ Recapitalization
 - ✓ Modernization
- “25 meter targets” for FY00



Purpose



- Illustrate the need for change
- Provide information on CTC strategy
 - ✓ OPFOR
 - ✓ Scenarios
 - ✓ Recapitalization
 - ✓ Modernization
- Provide Mini-POM build recommendations enabling CTCs to sustain training to standard in near term



Enduring Principles



- Relevant OPFOR... Focus us to train to standard
- Contemporary Scenarios... With ability to adapt to specific Mission Rehearsal Exercises
- Realistic Training Aids and Facilities... To enhance readiness
- Instrumentation...To provide input to AAR process and realistic force on force fight
- AAR & O/C... To establish learning environment
- Focus remains at battalion task force, scope at brigade combat team



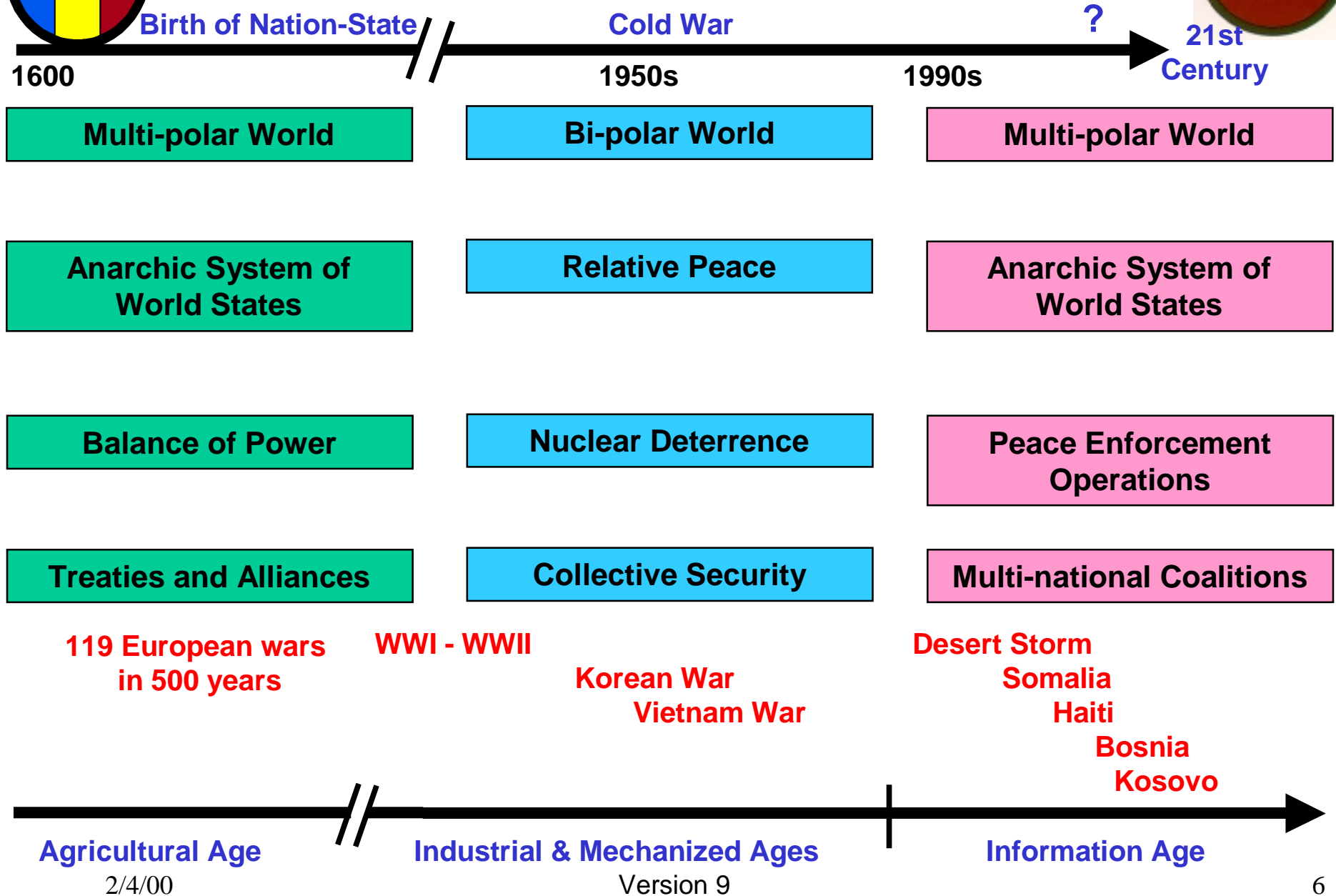
The Need to Change



- One Team, One Fight, One Future
- Changing unit capabilities and requirements
- Maintain relevance to the training audience
 - ✓ Changing world order
 - ✓ Change in character of military operations
 - ✓ Change in warfare
 - ✓ Complex environment in which leaders operate
- Expanded requirements since establishment:
 - ✓ Stability and Support operations
 - ✓ Mission Rehearsal Exercises
 - ✓ Experimentation and digitization



The Changing World Order





The Character of Military Operations is Changing



- ✓ Terrorism
- ✓ Guerilla warfare
- ✓ Access to space
- ✓ Information warfare and tech
- ✓ Ballistic missiles (vice air forces)
- ✓ Night vision equipment
- ✓ Precision lethality
- ✓ Sanctuary taken in complex and urban terrain

- ✓ *Weapons of mass destruction*
- ✓ Theater missile defense
- ✓ *Mobile/mechanized reserves*
- ✓ Complex relationships forming of terrorists, criminals, failed and non-states

Two variables when employed have greatest short term impact on outcome!



The Change in Warfare



Monolithic Threats

- ✓ Doctrine creates patterns
- ✓ Tactical decisions made on evidence of variables to fix patterns
- ✓ Templating the norm

Variables

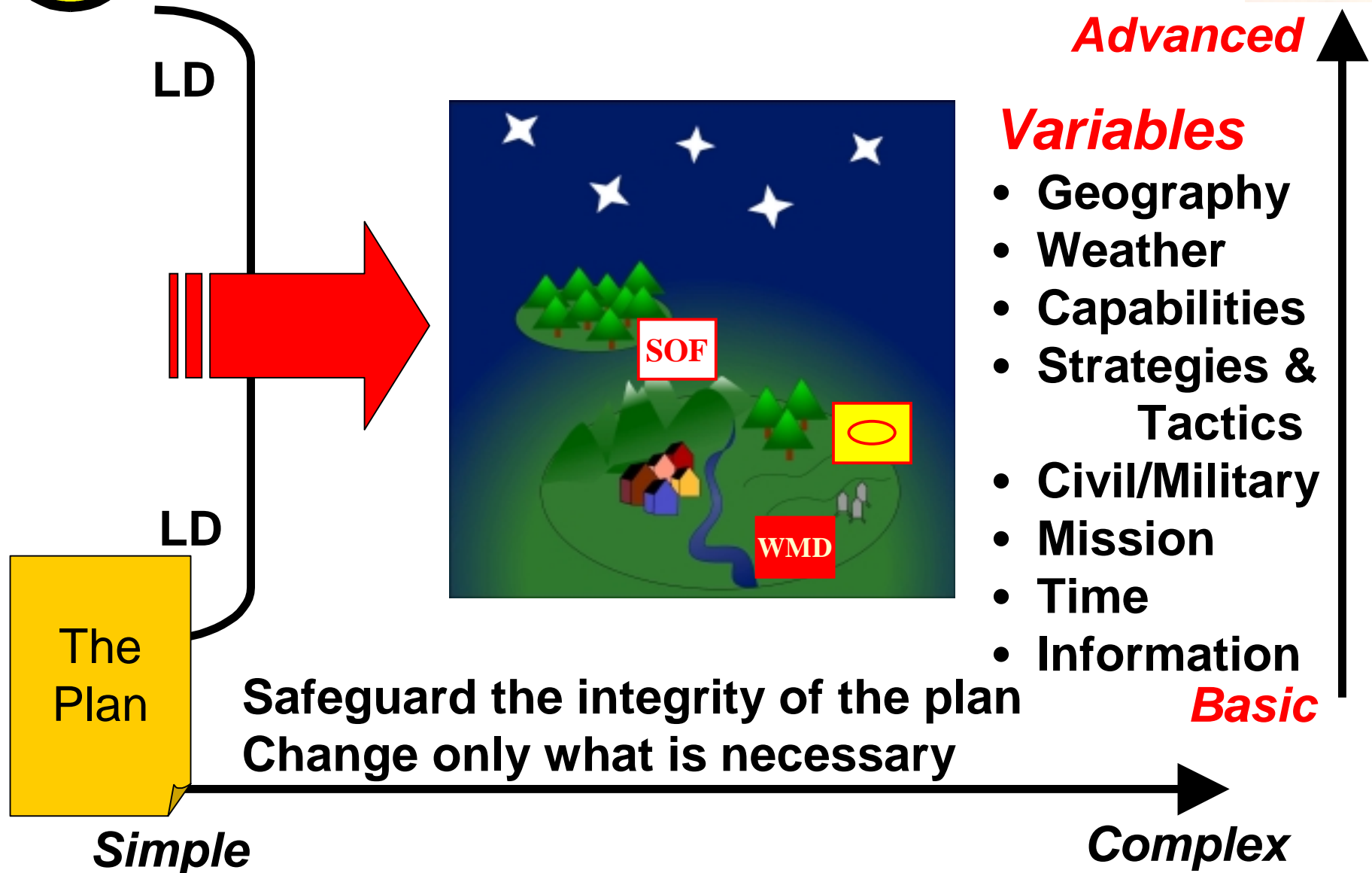
- **Geography**
- **Weather**
- **Capabilities**
- **Strategies and Tactics**
- **Civil/Military**
- **Mission**
- **Time**

Asymmetric Threats

- ✓ Patterns and trends are adaptive
- ✓ Indirect approach to warfare
- ✓ Tactical decisions made on linked analysis
- ✓ Cause and effect relationships



Adaptive Leadership





To Change We Must

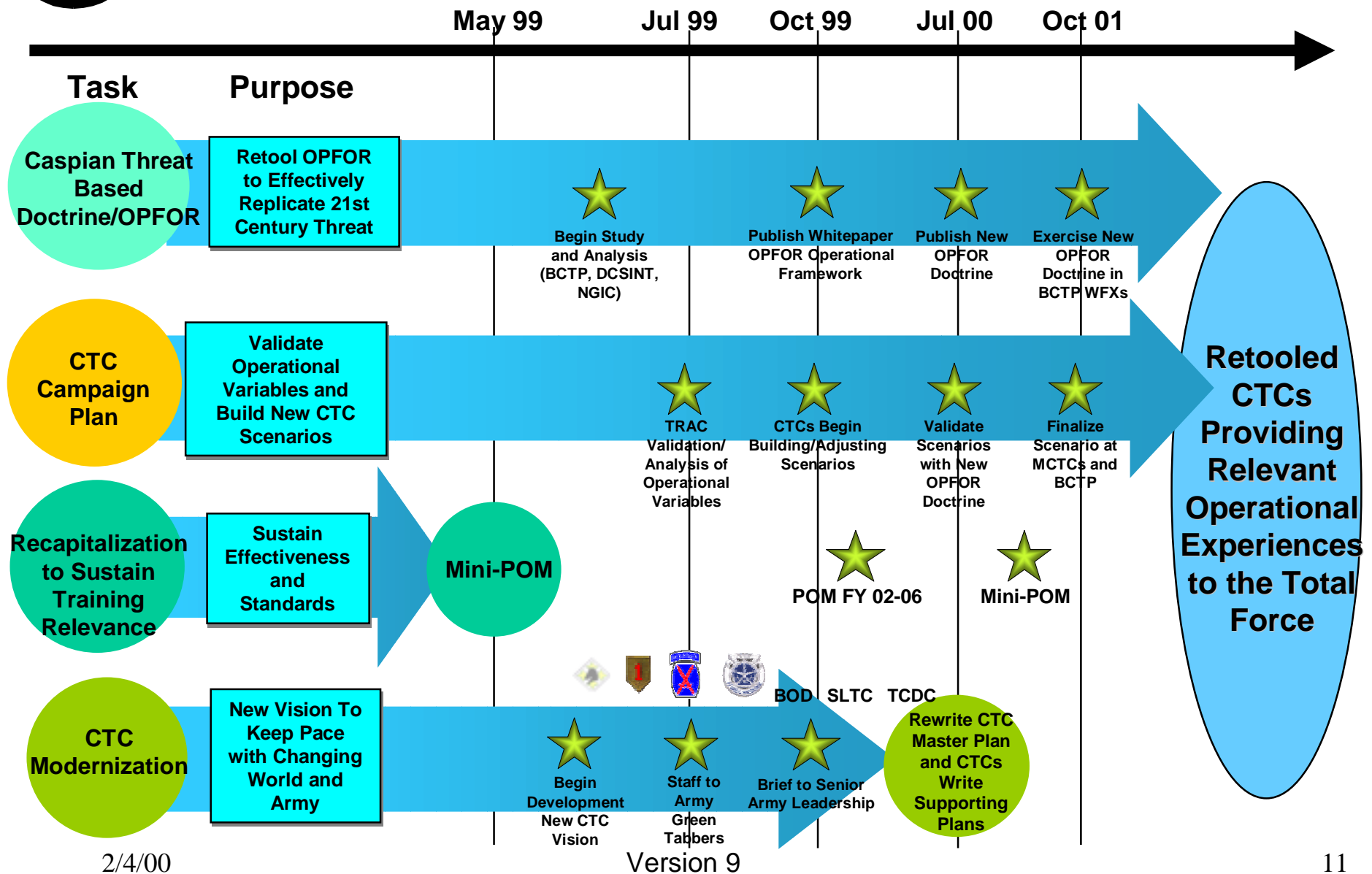


- **Adjust OPFOR**
 - ✓ **Organizational and Operational Concept**
 - ✓ **Order of Battle**
 - ✓ **Doctrine**
 - ✓ **Tactics, Techniques, and Procedures**
 - ✓ **Equipment**
- **Change warfighting scenarios**
- **Re-capitalize CTCs... to sustain capability to train to standard**
- **Modernize CTCs... to accomplish increased force capabilities**



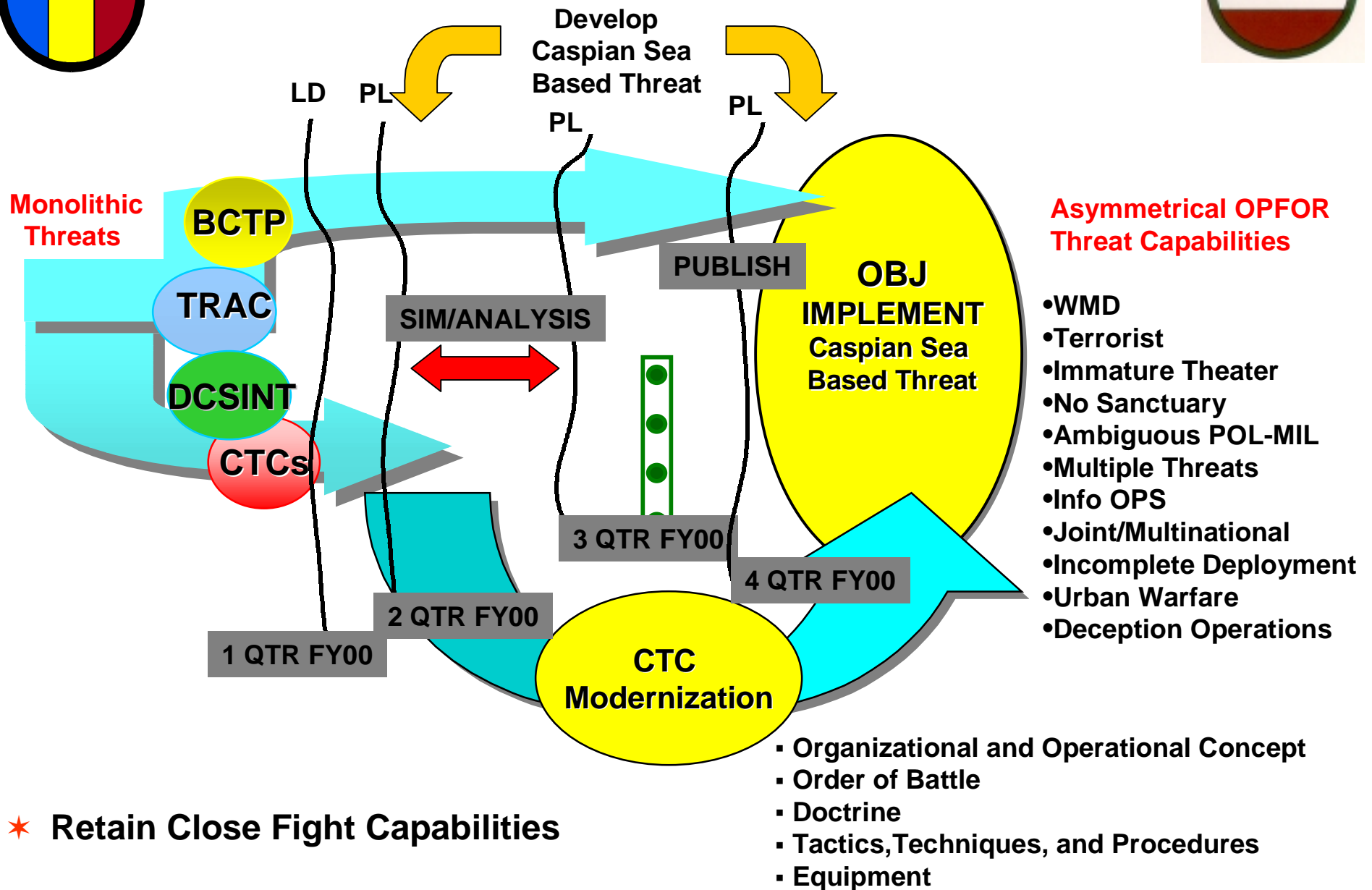
CTC Modernization Strategy

Single Attack on Four Axis'



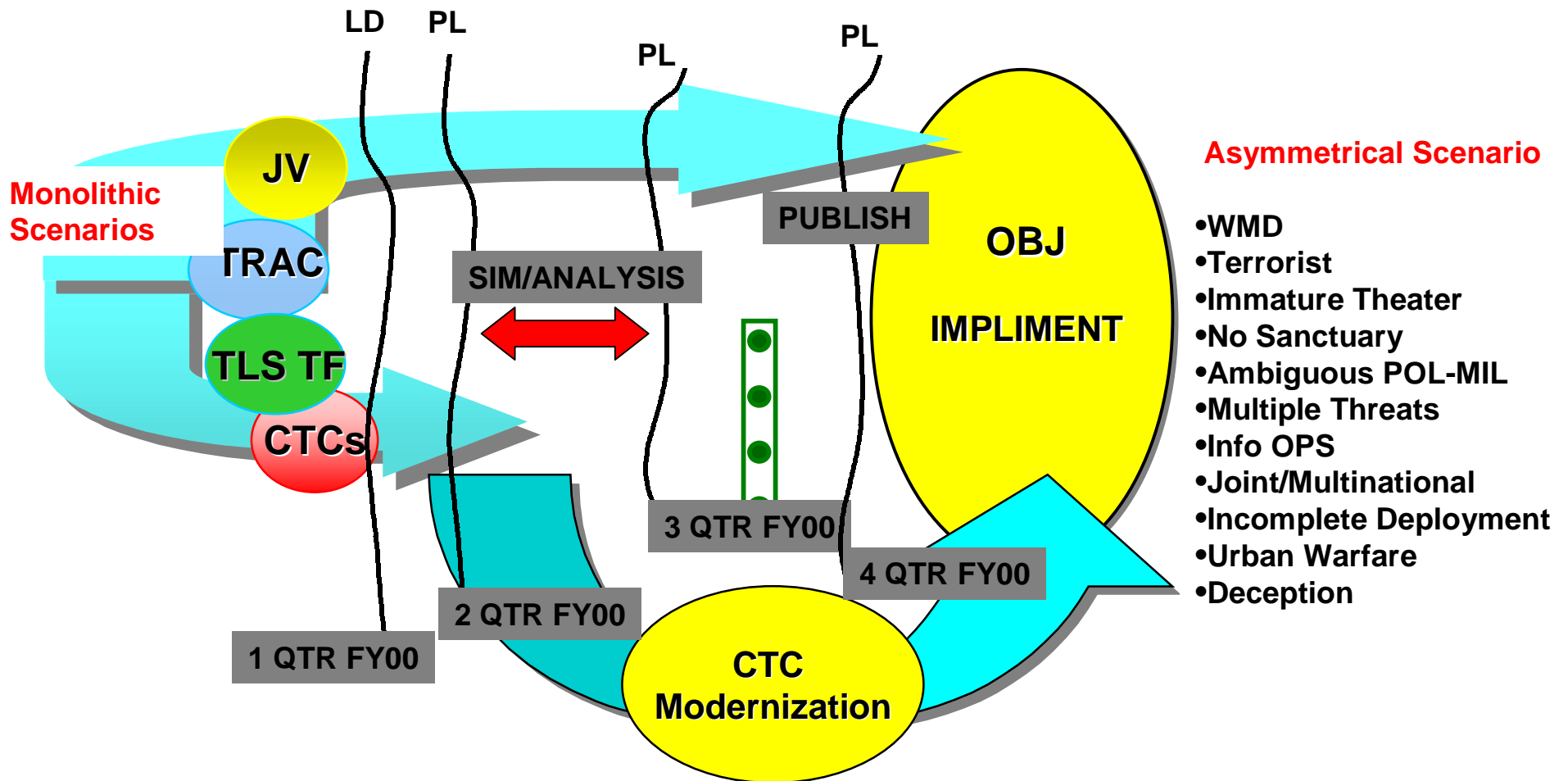


OPFOR





Scenarios





Re-Capitalization and Modernization Issues



Priorities	Metrics							
	Training Effectiveness	Leader Development	Near Term Readiness	Common Architecture	OPFOR	Scenario Training Relevance	Realistic/Rigorous Battlefield	Infrastructure
RECAPITALIZATION								
PREPO Fleet								
MILES 2000	●	●						
OSV- BMP				●				
OSTV-Tank				●				
Spectrum			●					
CBS Sustainment					●			
BCTP Budget					●			
MODERNIZATION								
NTC Land Expansion								
ABCS Integration		●						
NTC OIS			●					
JRTC MOUT	●							
CMTC Live Fire								
OH-58D MILES	●							
Lightweight PDD	●							
NTC MOUT	●							

- Cannot conduct training
- Seriously degrades training
- Degrades training



Re-Capitalization: Training to Standard



Metrics

■ PREPO Fleet

A well-maintained and refreshed prepo fleet provides an *infrastructure that fully supports the CTC vision.*

■ MILES 2000

Placing dismounted MILES 2000 at the MCTCs provides a *realistic/rigorous battlefield* and enhances *training effectiveness* in relation to *aim points*. Supports *leader development*.

■ OSV-BMP

Increasing the OSV-BMP buy supports a capabilities based *OPFOR* and provides a *realistic/rigorous battlefield*. Without this initiative, OPFOR will be without BMPs between FY01-04 across all CTCs.

■ OSTV-Tank

Beginning an OSTV-Tank buy supports a capabilities based *OPFOR* and provides a *realistic/rigorous battlefield*. Without this initiative, OPFOR will be without tanks between FY01-04 across all CTCs.



Re-Capitalization: Training to Standard



Metrics

■ Spectrum

Correcting the spectrum problems provides an *infrastructure that fully supports the CTC vision* and supports the *common technical architecture* by eliminating cell phone interference problems at NTC and radio frequency problems at CMTC.

■ CBS Sustainment

Sustaining CBS simulation for BCTP and the Army maintains *scenario training relevancy* until WARSIM is fully fielded and supports the DCX to *satisfy Cdrs' training objectives*.

■ BCTP Budget

Funding BCTP budget maintains *scenario training relevancy* to *satisfy Cdrs' training objectives* and enables BCTP to meet The Army Plan priorities for conducting required annual rotations.



Modernization: Remaining Relevant



Metrics

■ NTC Land Expansion

Expanding the training area at NTC provides an *infrastructure that fully supports the CTC vision.*

■ ABCS Integration

ABCS-I fully supports *leader development* by providing AAR tools necessary to *satisfy Cdrs' training objectives* on a digital battlefield.

■ NTC-OIS

NTC-Objective Instrumentation System provides the foundation for a *common technical architecture* across all MCTCs.

■ JRTC MOUT

JRTC MOUT site provides a *realistic/rigorous battlefield* focused on their *aim point*.

■ NTC MOUT

NTC MOUT site provides a *realistic/rigorous battlefield* focused on their *aim point*. NTC is currently developing the operational requirement.



Modernization: Remaining Relevant



Metrics

■ CMTC Live Fire

CMTC live fire provides a *realistic/rigorous battlefield* experience for a Task Force (-) during their rotation to *satisfy Cdrs' training objectives*.

■ OH-58D MILES

Adding additional OH-58D MILES kits provides a *realistic/rigorous battlefield* and enhances *training effectiveness* in relation to *aim points*.

■ Lightweight PDD

A lightweight personnel detection device supports a *realistic/rigorous battlefield* by linking individual soldiers to a *common technical architecture* to enhance *training effectiveness* during AARs.



CTC Program Priorities (FY00-05)

DA Executive Agent Priorities



Sims & Tech (RDT&E/OPA)

- 1 Miles 2000
- 2 OSV-BMP
- 3 OSTV-Tank
- 4 CTC ABCS-Integration
- 5 NTC OIS
- 6 Spectrum
- 7 CBS Sustainment
- 8 JRTC MOUT
- 9 CMTC OIS/Live Fire
- 10 OH-58D AGES II
- 11 Light Weight PDD
- 12 NTC MOUT

CTC Program (OMA)

- 1 NTC PREPO Fleet
- 2 NTC Land Expansion
- 3 BCTP Budget

Black indicates partial funding

Red indicates no funding



“25 Meter Targets” for FY00 Funding Reprogramming Required



	<u>COST</u>	<u>WHY</u>
OSV-BMP		Buy will keep production line open and purchase final 41 OSV-BMPs for NTC. NTC OPFOR fleet is the oldest and requires replacement first.
OSTV-TANK		RDT&E to design and begin test on prototype (2 yrs RDT&E to begin buy in FY02)
NTC PREPO Fleet/ CSS Insufficiencies		One-time fix for Class IX ASL, elimination of fleet maint and services backlogs (return to 10/20 standards)
Land Expansion		Purchase all private property in Land Expansion Area at NTC
BCTP Budget		Buys 2 division rotations, OPSGRP D, OC/T contract, and UAV technicians. No funding may result in WFX cancellations.
Total		



Summary



- **Maintain enduring principles**
- **Adapt CTCs to strategic environment**
 - ✓ **Change OPFOR... 1st quarter FY 01**
 - ✓ **Change scenarios... 1st quarter FY 01**
 - ✓ **Re-capitalize - 25m targets in Mini-POM... May 99**
 - ✓ **Modernization... long term investments**